

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	276518	T299095US/PAK

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: January 30, 2001

Page **1** of **1**

Applicant: HEUSALA, Hannu

Appln. No.:

Filing Date: January 30, 2001

Examiner:

Group Art Unit:

PTO
S-1610
1/30/01

U.S. PATENT DOCUMENTS

Examiner's Initials	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	5,613,190	03/1997	Hylton			
BR	6,021,158	02/2000	Schurr et al			
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
OR	WO 00/04475	01/2000	WIPO	H. KOLLS				
PR	WO 00/04476	01/2000	WIPO	H. KOLLS				
QR								
RR								
SR								
TR								
UR								
VR								
WR								
XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	
ZR	
AAR	
BBR	
CCR	
DDR	

Examiner

Hannu Heusala

Date Considered:

03/22/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Atty. Dkt. No.	M#	Client Ref.
276518	T299095US	
Applicant: HEUSALA et al.		
Appln. No.: 09/771,619		
Filing Date: January 30, 2001		
Examiner: Unknown		Group Art Unit: 2681

Date: March 27, 2001

Page 1 of 1

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Examiner's Initials	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	5,613,191	03/1997	HYLTON et al.	455	3.1	
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MR						
NR						

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FOREIGN PATENT DOCUMENTS

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					Enclosed	No	Enclose	No
OR	WO 99/52220	10/1999	WIPO	BULLOCK et al.				
PR								
QR								
RR								
SR								
TR								
UR								
VR								
WR								
XR								

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	Finnish Patent Office Action re: 20000575 mailed February 23, 2001								x
ZR									
AAR									
BBR									
CCR									
DDR									

Examiner Patent Office Date Considered: 03/22/04

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Atty.
 Dkt. No.

M#

Client Ref.

276518

T299098US/Pyk/ear

**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

Date: December 18, 2001

Page **1** of **1**

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
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LR						
MR						

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
NR	WO 99/18712	04/1999	WIPO	NORRELL				
OR								
PR								
QR								
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WR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

XR	Maxwell, "Asymmetric Digital Subscriber Line: Interim Technology for the Next Forty Years," IEEE Communications magazine, October 1996, pp. 100-106.			
YR				
ZR				
AAR				
BBR				
CCR				

Examiner

Date Considered:

03/22/02

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